

FIG. 1

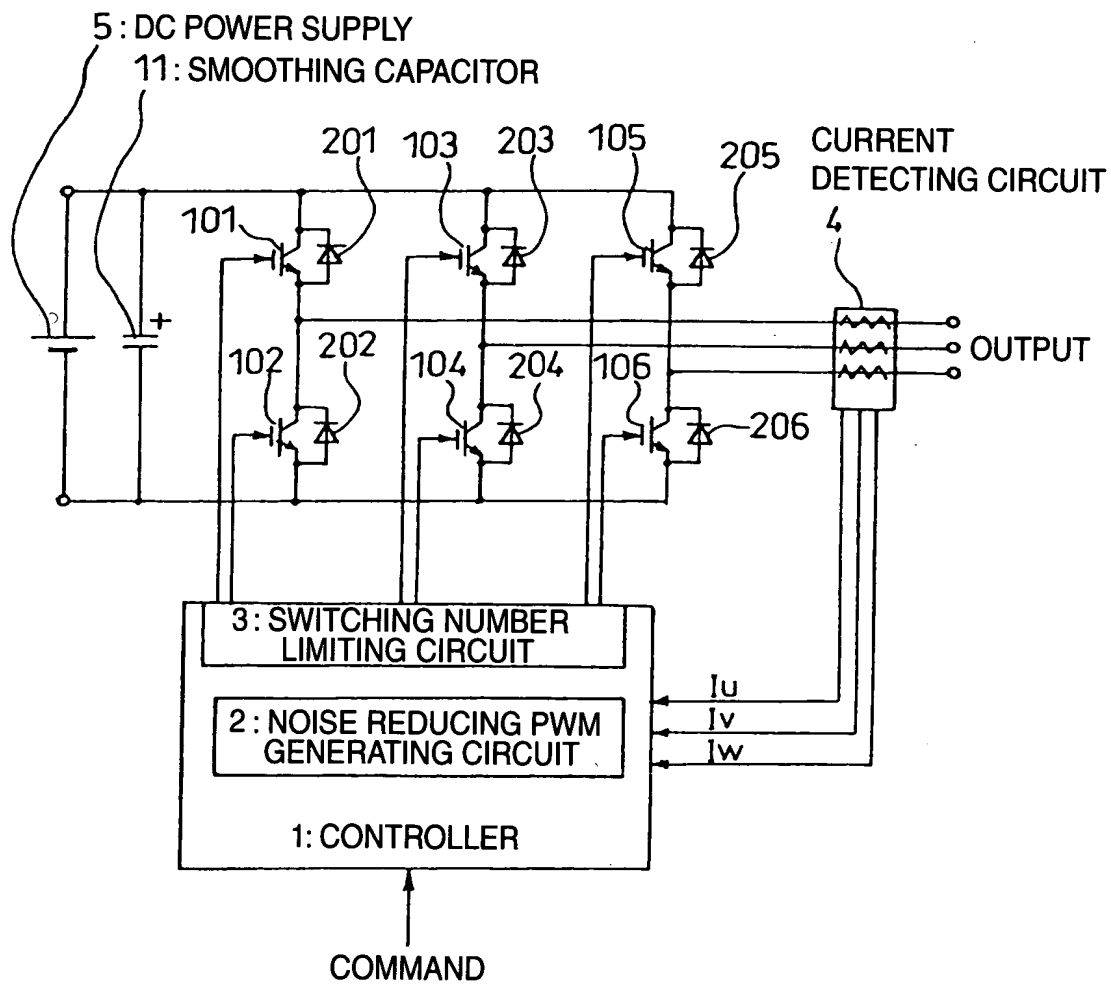


FIG. 2

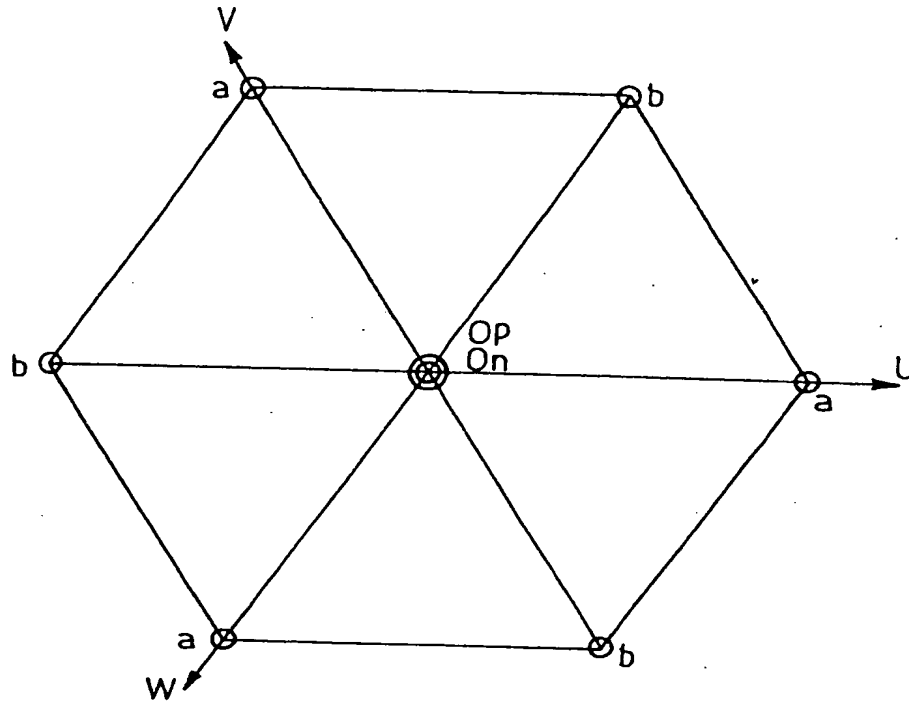


FIG. 3

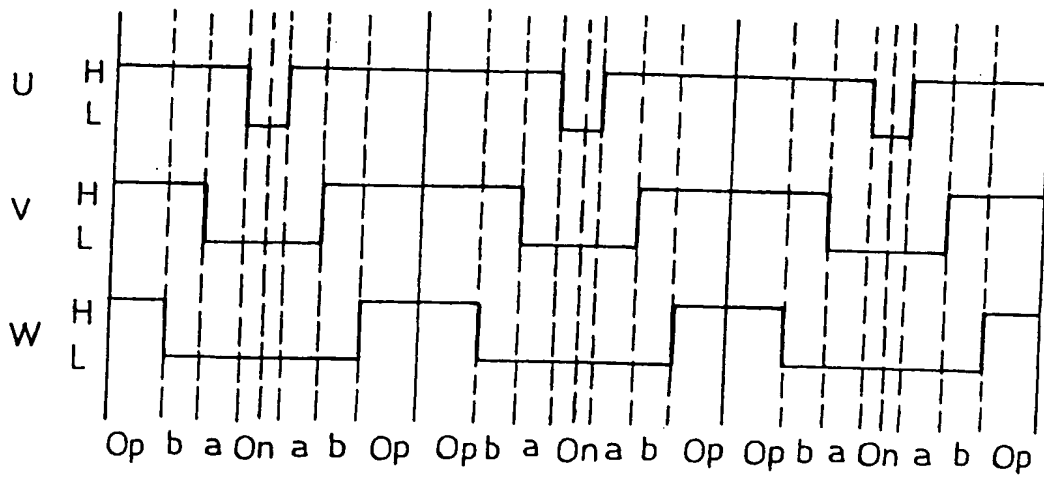


FIG. 4

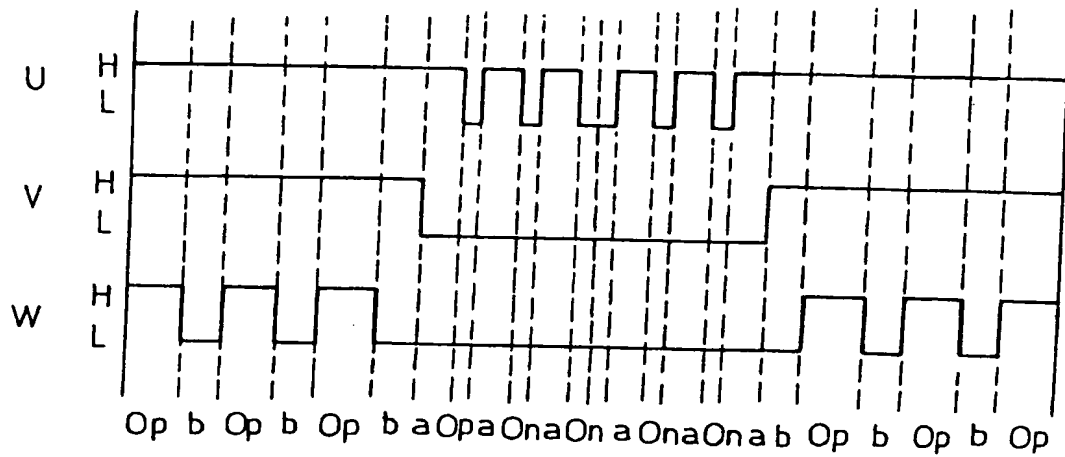
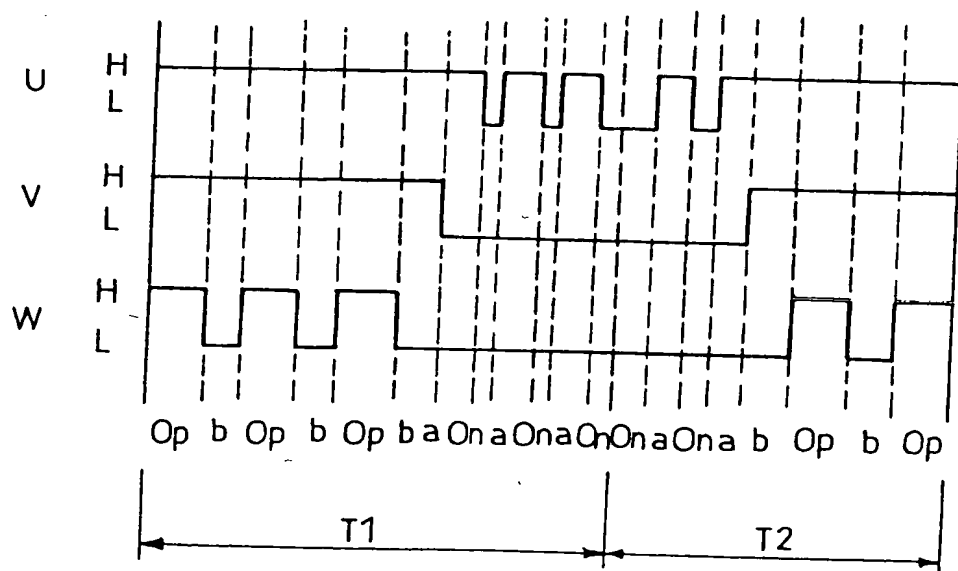


FIG. 5



4/8

FIG. 6

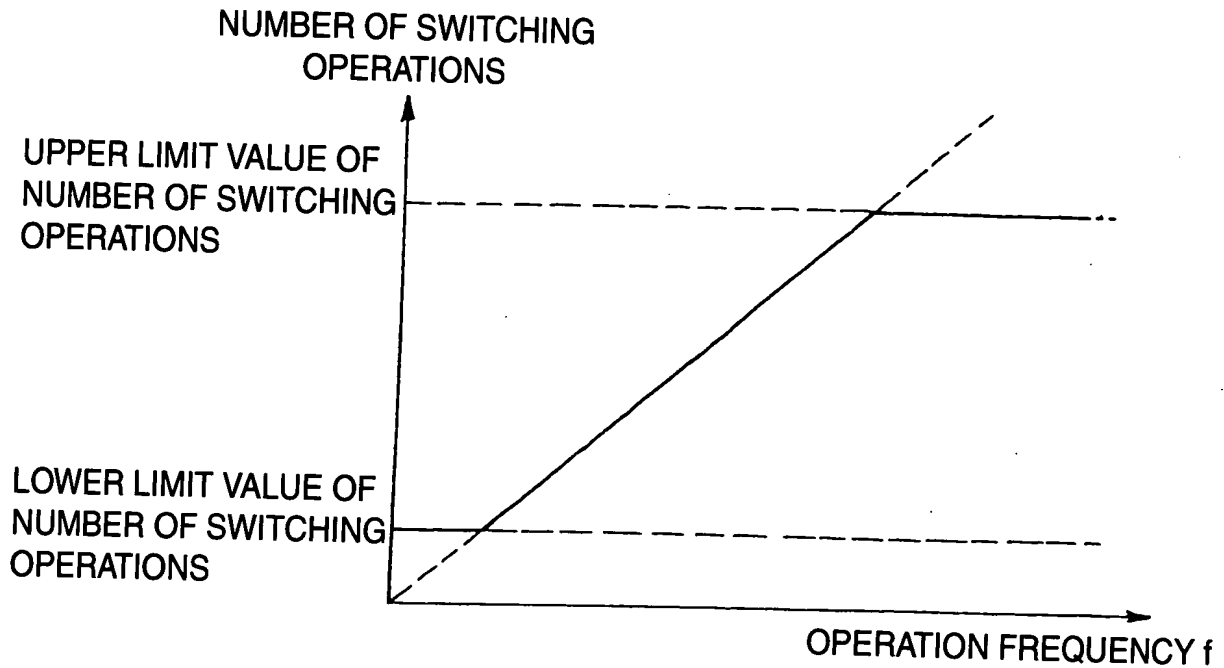
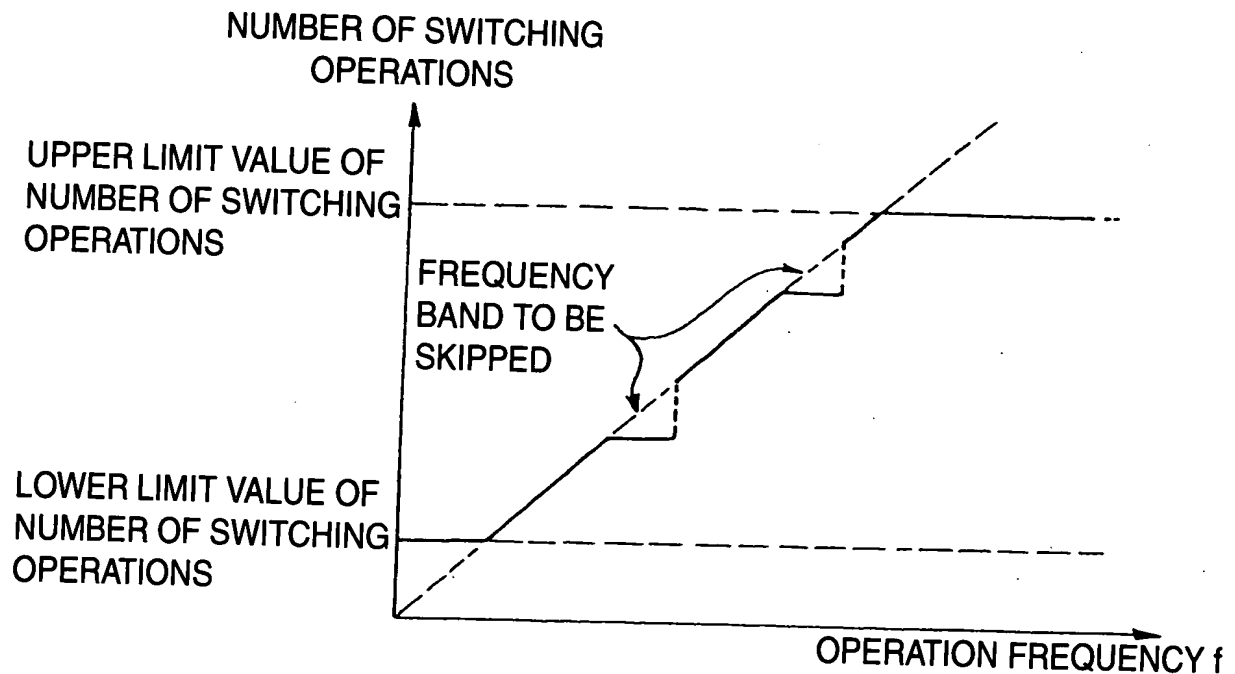
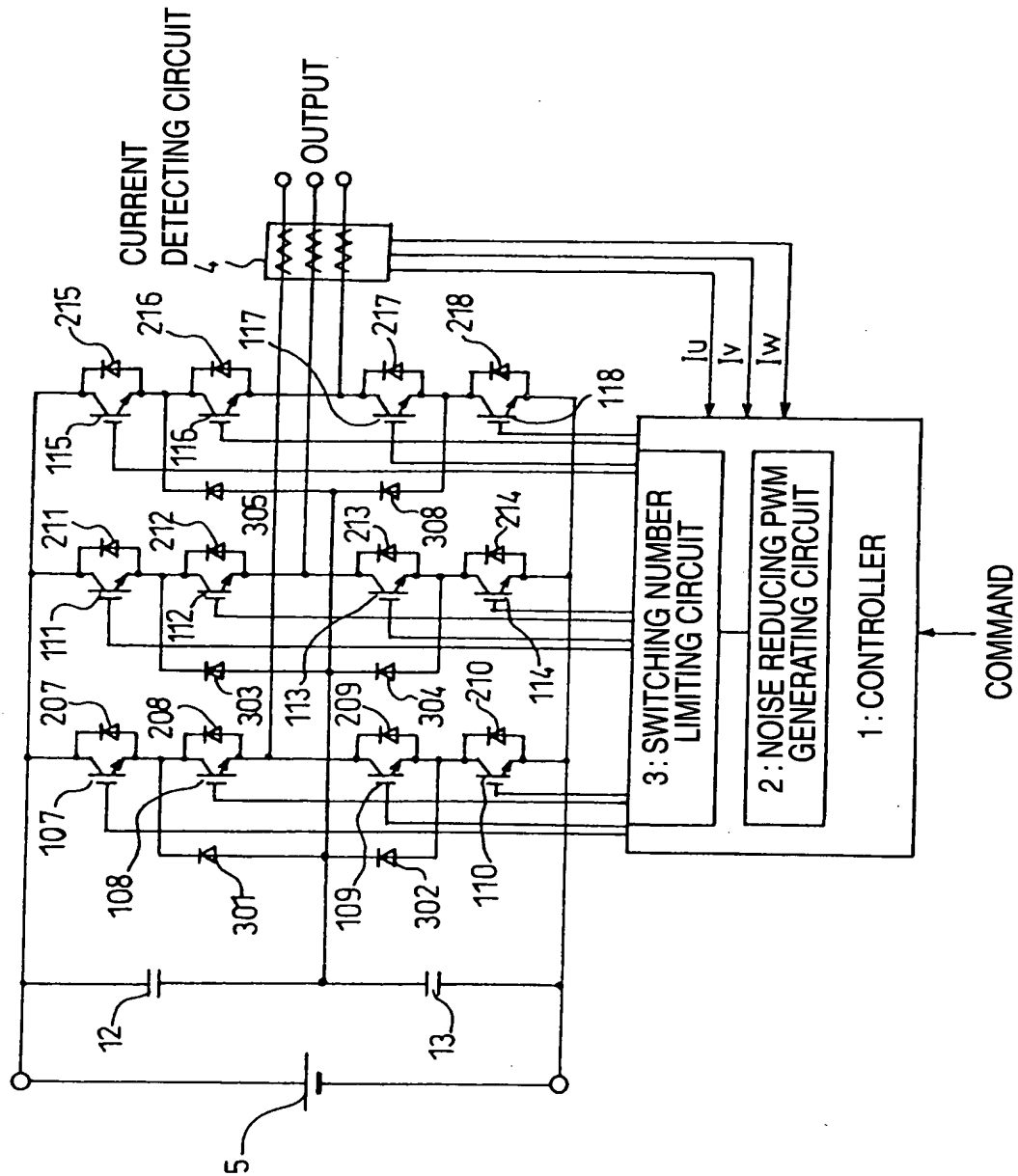


FIG. 7



5/8

FIG. 8



The diagram illustrates the diamond crystal structure, showing a 3D network of tetrahedra. Atoms are represented by circles with labels: NPN, OPN, PPN, NPO, OPO, PPO, PON, NPP, OOO, POO, PNO, NNP, ONP, PNP. Bonds are labeled with letters: A1-A4, B1-B4, C1-C4, D1-D4, E1-E4, F1-F4. Some bonds are labeled with 'ap', 'an', 'bp', 'bn'. Arrows labeled 'V' and 'W' indicate crystallographic directions.

FIG. 11

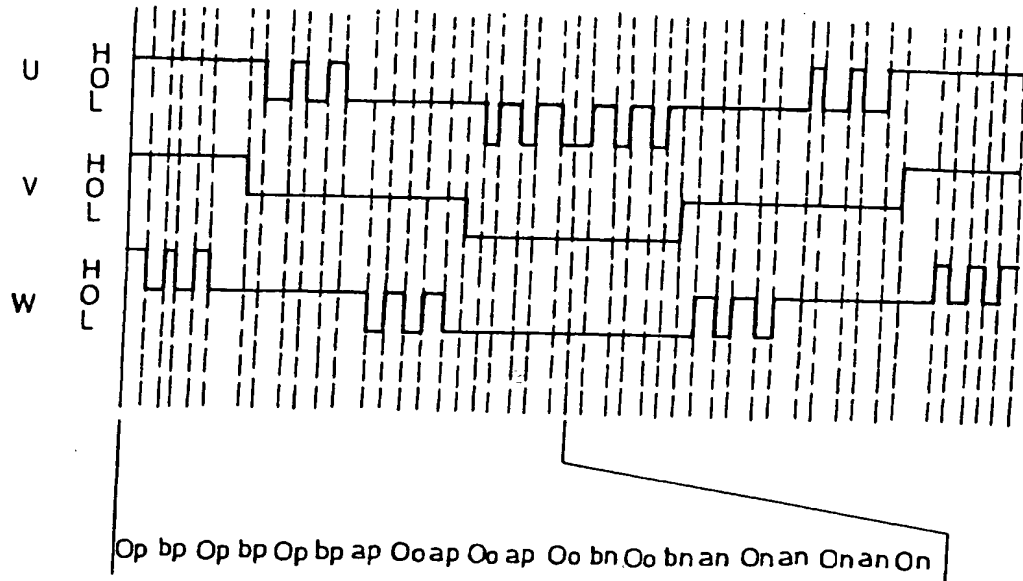


FIG. 12

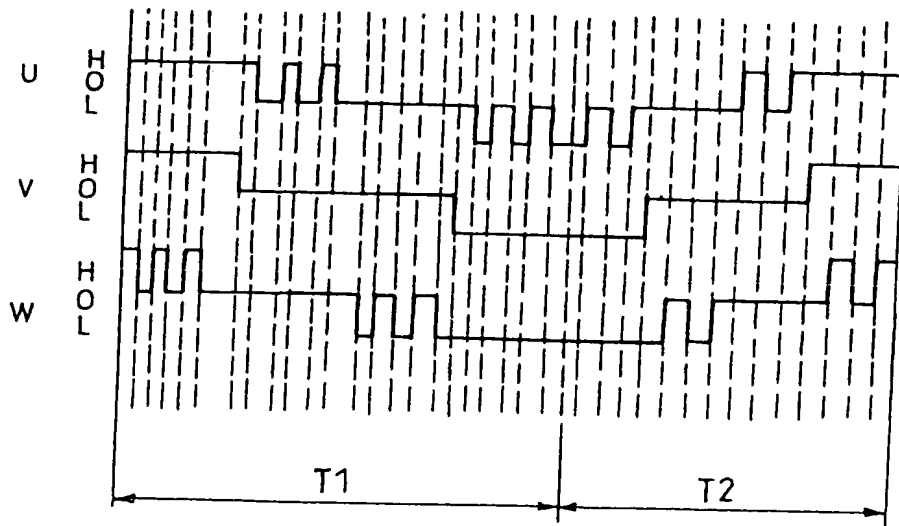


FIG. 13

